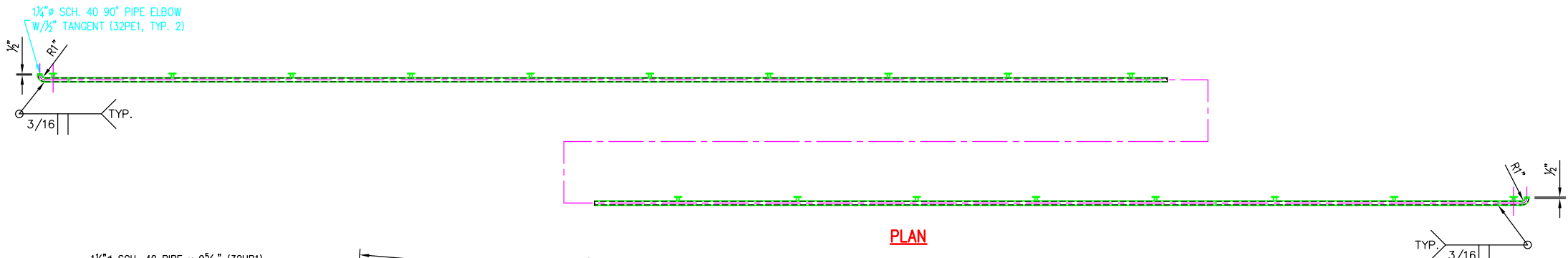
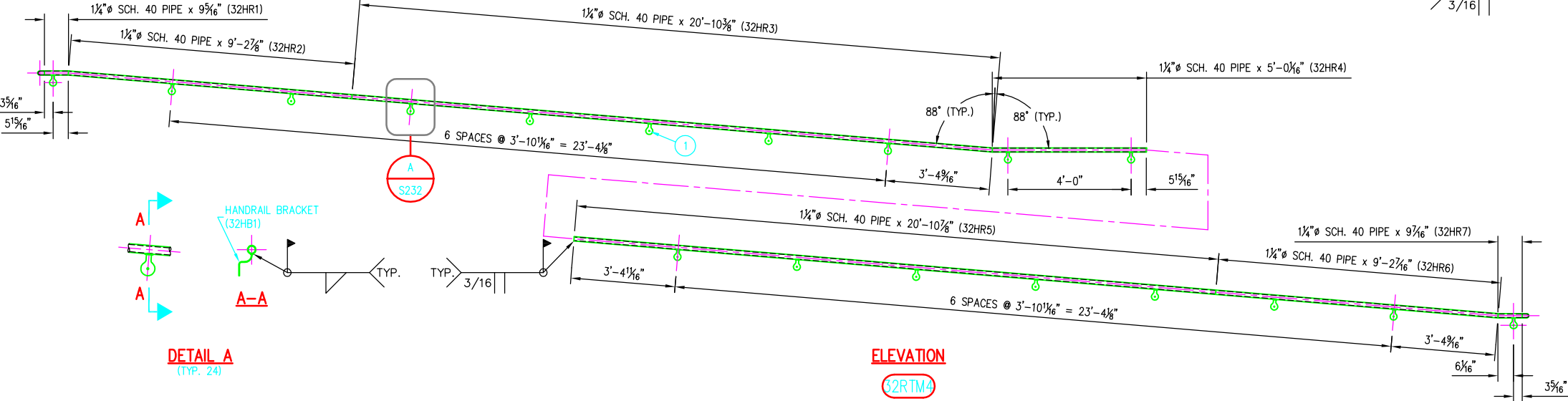


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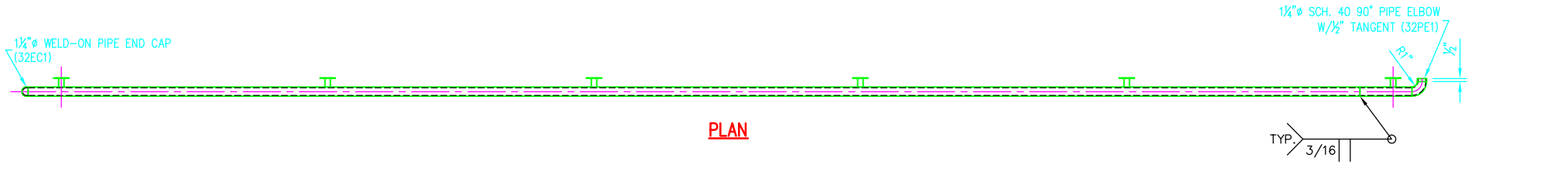
**PLAN**



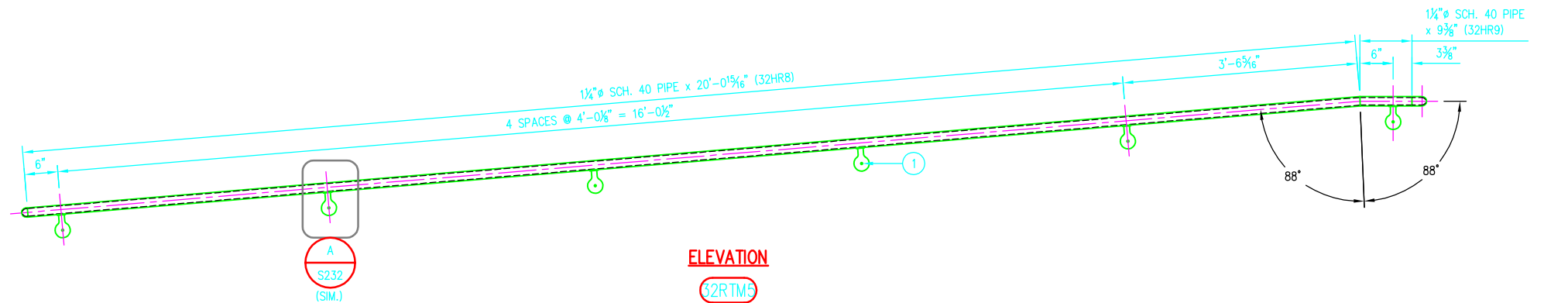
**ELEVATION**

**S2RTM4**

(1) RAILING TYPE M4  
 RE: SHT. A4.02, SECT. 4  
 RE: SHT. A3.41, DETAIL 12



**PLAN**



**ELEVATION**

**S2RTM5**

(1) RAILING TYPE M5  
 RE: SHT. A4.02, SECT. 4  
 RE: SHT. A3.41, DETAIL 12

**BILL OF MATERIAL**

MARK	QTY	DESCRIPTION	FT	IN	REMARKS
32RTM4	1	RAILING TYPE M4			
32HR1	1	1 1/4" SCH. 40 PIPE	0	9 3/8"	
32HR2	1	1 1/4" SCH. 40 PIPE	9	3 1/2"	
32HR3	1	1 1/4" SCH. 40 PIPE	20	10 5/8"	
32HR4	1	1 1/4" SCH. 40 PIPE	5	0 5/8"	
32HR5	1	1 1/4" SCH. 40 PIPE	20	11 1/8"	
32HR6	1	1 1/4" SCH. 40 PIPE	9	2 1/4"	
32HR7	1	1 1/4" SCH. 40 PIPE	0	9 1/8"	
32PE1	2	1 1/4" SCH. 40 PIPE 90° ELBOW			1/2" TANGENT
32HB1	18	HANDRAIL BRACKET			PURCHASED
(1)	18	3/8" x 3" LG. EXPANSION ANCHOR (SSTL); HILTI KB-TZ OR EQUAL			
32RTM5	1	RAILING TYPE M5			
32HR8	1	1 1/4" SCH. 40 PIPE	20	1 3/8"	
32HR9	1	1 1/4" SCH. 40 PIPE	0	9 3/8"	
32PE1	1	1 1/4" SCH. 40 PIPE 90° ELBOW			1/2" TANGENT
32HB1	6	HANDRAIL BRACKET			PURCHASED
(1)	6	3/8" x 3" LG. EXPANSION ANCHOR (SSTL); HILTI KB-TZ OR EQUAL			

DATE:	
REV:	
REVISION DESCRIPTION:	

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DRAWN: A.LANDT  
 DESIGNED: A.LANDT  
 CLIENT: 05/04/09  
 DATE: AS SHOWN  
 SCALE: AS SHOWN

UNIVERSITY  
 ATHLETIC STADIUM  
 STRUCTURAL STEEL  
 HANDRAILS AND RAILINGS

PROJECT:

RAILING TYPE M4 & M5

DRAWING TITLE:

DRAWING NO.:  
**S232**  
 OF

**FABRICATION NOTES**

1. REMOVE ALL BURRS FROM EXPOSED CUT EDGES.
2. EASE EXPOSED EDGES TO AN APPROXIMATE 1/32" RADIUS.

**MATERIAL, COATING & FABRICATION SPECIFICATIONS**

MATERIALS & FABRICATION	COATINGS
ALL TUBE SECTIONS: A500 GR. B	SURFACES EMBEDDED IN CONCRETE SHALL NOT BE PAINTED.
ALL PIPES: A53, GR. B, SCH. 40	SURFACES TO BE FIELD WELDED SHALL NOT BE PAINTED.
PLATES: A36	
WF, WT: A992	PRIMER: ONE COAT, MIN. 3.0 MILS DFT, OF TNEVEC, SERIES 90-97 TNEVE-ZINC, ZINC-RICH PRIMER.
OTHER SHAPES: A36	
HEADED ANCHOR STUDS: A108	INTER. COAT: ONE COAT, MIN. 3.0 MILS DFT, OF TNEVEC, SERIES N69-1255.
DEFORMED ANCHOR STUDS: A496	
ALL WELDING: AWS D1.1, E70 ELECTRODES	TOP COAT: ONE COAT, MIN. 3.0 MILS DFT, OF TNEVEC, SERIES 1077 ENDURALUME. TOP COAT SHALL BE DU STANDARD COLOR CRANBERRY.
SURFACE PREP: SSPC-SP10	

